

Statistical Tables

Chapter 1

1-1	Percentage of high school graduates taking selected mathematics and science courses in high school, by sex: 1990, 1994, and 1998	103
1-2	Percentage of high school graduates taking selected mathematics and science courses in high school, by race/ethnicity: 1990, 1994, and 1998	104
1-3	Average total units completed by the 12th grade in high school mathematics and science, and average grades received in mathematics and science, by disability status: 1992	105
1-4	Number and percentage distribution of students who took AP examinations, by examination subject, sex, and race/ethnicity: 2000	106
1-5	Average mathematics and science scale scores in grades 4, 8, and 12, by sex and race/ethnicity: 2000	107
1-6	Percentage attaining mathematics proficiency levels on the National Assessment of Educational Progress for grades 4, 8, and 12, by sex and race/ethnicity: 2000	108
1-7	Trends in average mathematics scale scores by age, sex, and race/ethnicity: 1990–99	109
1-8	Trends in average science scale scores by age, sex, and race/ethnicity: 1990–99	110
1-9	Teacher reports of computer and Internet availability and use in public schools, by minority enrollment of school: 1999	111
1-10	Percentage distributions of mathematics teachers, by various characteristics and grades taught: 1993 and 2000	112
1-11	Percentage distributions of science teachers, by various characteristics and grades taught: 1993 and 2000	113
1-12	Race/ethnicity of students ages 6 through 21 served under IDEA, by type of disability: Academic year 1998/99	114
1-13	Average mathematics and science scale scores in grade 8, by parents' highest level of education and race/ethnicity: 1996	115
1-14	Percentage of 4th, 8th, and 12th graders agreeing with the statements "I like mathematics" and "I am good at mathematics," by sex and race/ethnicity: 2000	116
1-15	Percentage of 4th, 8th, and 12th graders agreeing with the statements "I like science" and "I am good at science," by sex and race/ethnicity: 2000	117
1-16	Percentage of students ages 6 through 21 with disabilities receiving special education services, by educational environment: Academic years 1989/90–1997/98	118
1-17	Percentage of students ages 6 through 21 with disabilities receiving special education services, by type of disability and educational environment: Academic year 1997/98	119
1-18	Students ages 6 through 21 served under the Individuals With Disabilities Education Act, by type of disability: Academic years 1989/90 and 1998/99	120

1-19	Percentage of 25- to 29-year-olds who had completed high school, by race/ethnicity and sex: 1971–99	121
1-20	Percentage of students with disabilities age 14 and older exiting special education, by type of disability and basis of exit: Academic year 1997/98	122

Chapter 2

2-1	Percentage of 25- to 29-year-old high school completers with some college and percentage that completed college, by sex and race/ethnicity: 1990–2000	123
2-2	Total and full-time undergraduate enrollment at all institutions, by sex, citizenship, and race/ethnicity: Fall 1990–97	124
2-3	Percentage distribution of 1988 eighth graders, by high school completion status and postsecondary education enrollment, by disability status and type: 1994	125
2-4	Percentage distribution of 1995/96 undergraduates, by selected demographic characteristics and enrollment intensity	126
2-5	Percentage distribution of academic year 1995/96 undergraduate students, by selected demographic and educational characteristics and disability status	127
2-6	Undergraduate enrollment, by type of institution, enrollment status, sex, and race/ethnicity: 1997	129
2-7	Total and full-time undergraduate enrollment at 2-year institutions, by sex, citizenship, and race/ethnicity: Fall 1990–97	130
2-8	Total and full-time undergraduate enrollment at 4-year institutions, by sex, citizenship, and race/ethnicity: Fall 1990–97	131
2-9	First university degree enrollments, by country and sex: 1998	132
2-10	Percentage of U.S. freshmen intending S&E majors, by race/ethnicity and sex: 2000	133
2-11	Total and full-time first-year undergraduate enrollment in engineering programs, by sex, citizenship, and race/ethnicity: 1990–99	134
2-12	Total and full-time first-year undergraduate enrollment in engineering programs, by sex, citizenship, and race/ethnicity: 1999	136
2-13	Percentage of undergraduates receiving various types of aid and average amount of aid received, by sex and race/ethnicity: Academic year 1995/96	137
2-14	Percentage distribution of 1989/90 beginning postsecondary students seeking bachelor's degrees, by persistence toward and completion of bachelor's and other degrees, by sex and race/ethnicity: Spring 1994	138
2-15	Percentage of 1994 freshmen intending to major in S&E and percentage of 1998 bachelor's degree recipients earning degrees in S&E, by sex and race/ethnicity	139
2-16	Percentage distribution of 1989/90 beginning postsecondary students according to persistence status and highest undergraduate degree attained, by disability status: Spring 1994	140

Chapter 3

3-1	Associate's degrees awarded, by sex and field: 1990–98	141
3-2	Associate's degrees awarded, by citizenship, race/ethnicity, and field: 1990–98	142
3-3	Associate's degrees awarded in science and engineering, by citizenship, race/ethnicity, sex, and field: 1998	145
3-4	Bachelor's degrees awarded, by sex and field: 1990–98	146

3-5	Bachelor's degrees awarded to women by all institutions and women's colleges and universities: 1966 and 1990–98	147
3-6	Bachelor's degrees awarded in science and engineering, by sex and detailed field: 1998	148
3-7	First university degrees awarded, by sex and selected field and country: 1998	149
3-8	Bachelor's degrees awarded in science and engineering, by citizenship, race/ethnicity, and field: 1990–98	150
3-9	Bachelor's degrees awarded to U.S. citizens and permanent residents, by S&E field and race/ethnicity: 1990–98	153
3-10	Bachelor's degrees awarded in engineering, by citizenship, race/ethnicity, and sex: 1990–2000	155
3-11	Bachelor's degrees awarded, by detailed field, citizenship, and race/ethnicity: 1998	156
3-12	Bachelor's degrees awarded to blacks by all institutions and historically black colleges and universities: 1990–98	157
3-13	Bachelor's degrees awarded to Hispanics by all institutions and Hispanic-serving institutions: 1990–98	158
3-14	Bachelor's degrees awarded to American Indians/Alaskan Natives by all institutions and tribal institutions: 1990–98	159
3-15	Bachelor's degrees awarded to women, by citizenship, race/ethnicity, and field: 1990–98	160
3-16	Bachelor's degrees awarded to men, by field, citizenship, and race/ethnicity: 1990–98	163
3-17	Bachelor's degrees awarded, by sex, citizenship, race/ethnicity, and S&E field: 1998	166
3-18	Undergraduate borrowing of 1997 and 1998 S&E bachelor's degree recipients, by sex, race/ethnicity, and disability status	168

Chapter 4

4-1	Science and engineering graduate students, by field: 1990–99	169
4-2	Female science and engineering graduate students, by field: 1990–99	171
4-3	Male science and engineering graduate students, by field: 1990–99	173
4-4	Full-time first-time S&E graduate students, by field and sex: 1990–99	175
4-5	Top institutions enrolling science and engineering graduate students, by sex: 1999	176
4-6	Science and engineering graduate students, by field, citizenship, and race/ethnicity: 1990–99	177
4-7	Top 20 schools enrolling Asian, black, Hispanic, and American Indian/Alaskan Native graduate students in science and engineering: 1999	179
4-8	Female science and engineering graduate students, by field, citizenship, and race/ethnicity: 1994–99	180
4-9	Male science and engineering graduate students, by field, citizenship, and race/ethnicity: 1994–99	182
4-10	Black graduate students enrolled in S&E in all institutions and in historically black colleges and universities, by field: 1992–99	184
4-11	Hispanic graduate students enrolled in S&E in all institutions and in Hispanic-serving institutions, by field: 1990–99	185
4-12	Graduate student enrollment, by disability status, selected demographic characteristics, and attendance status: 1996	186

4-13	Graduate student enrollment, by disability status and field: 1996	187
4-14	Science and engineering graduate students, by field, sex, and enrollment status: 1999	188
4-15	Science and engineering graduate students, by enrollment status, race/ethnicity, and field: 1999	190
4-16	Full-time graduate students in science and engineering, by sex, primary source of support, and field: 1999	191
4-17	Types of financial support received by full-time full-year S&E graduate students, by race/ethnicity: 1996	194
4-18	Science and engineering doctorate recipients, by field, sex, and amount of debt: 1995–99	195
4-19	Science and engineering doctorate recipients, by field, race/ethnicity, and amount of debt: 1995–99	196
4-20	Science and engineering doctorate recipients, by field, disability status, and amount of debt: 1995–99	198
4-21	Graduate degree attainment and enrollment status of 1992–93 bachelor's degree recipients who enrolled in S&E graduate programs, by sex, race/ethnicity, and disability status: 1997	199

Chapter 5

5-1	Master's degrees awarded, by field: 1990–98	200
5-2	Master's degrees awarded to women, by field: 1990–98	201
5-3	Master's degrees awarded in science and engineering, by field, citizenship, and race/ ethnicity: 1990–98	202
5-4	Master's degrees in science and engineering awarded to women, by field, citizenship, and race/ethnicity: 1990–98	205
5-5	Master's degrees in science and engineering awarded to men, by field, citizenship, and race/ethnicity: 1990–98	208
5-6	Doctoral degrees awarded, by field: 1990–99	211
5-7	Doctoral degrees awarded to women, by field: 1990–99	212
5-8	Doctoral degrees awarded to men, by field: 1990–99	214
5-9	Top 50 baccalaureate-origin institutions of 1995–99 S&E doctorate recipients, by sex	215
5-10	Doctorate recipients, by race/ethnicity, citizenship, and field of degree: 1999	216
5-11	S&E doctorates awarded to U.S. citizens and permanent residents, by race/ethnicity and field: 1990–99	217
5-12	Top baccalaureate-origin institutions of 1995–99 black S&E doctorate recipients	223
5-13	Top baccalaureate-origin institutions of 1995–99 Hispanic S&E doctorate recipients	224
5-14	Baccalaureate-origin institutions of 1995–99 American Indian/Alaskan Native S&E doctorate recipients	225
5-15	Top baccalaureate-origin institutions of 1995–99 Asian/Pacific Islander S&E doctorate recipients	226
5-16	Science and engineering doctorates awarded to U.S. citizens and permanent residents, by sex and race/ethnicity: 1990–99	227
5-17	S&E doctorate awards, by sex, race/ethnicity, and field: 1999	228

5-18	Recipients of science and engineering doctorates, by disability status: 1993–99	229
5-19	Baccalaureate-origin institutions of 1995–99 S&E doctorate recipients with disabilities, by disability type	230
5-20	Recipients of science and engineering doctorates, by field and disability status: 1999	232
5-21	Primary source of support of 1995–99 doctoral recipients, by sex and field	233
5-22	Primary source of support of 1995–99 doctoral recipients, by race/ethnicity and field	235
5-23	Primary source of support of 1995–99 doctoral recipients, by disability status	239
5-24	Age of S&E doctorate recipients by sex, race/ethnicity, and disability status: 1999	240
5-25	S&E doctorate recipients, by sex, race/ethnicity, disability status, and educational attainment of parents: 1999	241
5-26	S&E doctorate recipients, by sex, race/ethnicity, disability status, marital status, and number of dependents: 1999	242
5-27	Satisfaction with highest degree field of study, by field, sex, race/ethnicity, and disability status: 1997	243
5-28	S&E doctorate recipients with definite postgraduate plans, by sex and degree field: 1999	244
5-29	Science and engineering postdoctoral fellows, by sex and field: 1990–99	246
5-30	S&E doctorate recipients with definite postgraduate plans, by race/ethnicity: 1999	247
5-31	S&E doctorate recipients with definite postgraduate plans, by race/ethnicity: 1999	248

Chapter 6

6-1	Employed scientists and engineers, by broad occupation, highest degree level, sex, and race/ethnicity: 1993 and 1999	249
6-2	Employed scientists and engineers in the United States, by occupation, race/ethnicity, and sex: 1999	251
6-3	Employed scientists and engineers, by broad occupation, highest degree level, disability status, and type of disability: 1993 and 1999	253
6-4	Employment status of scientists and engineers, by age group, sex, race/ethnicity, and disability status: 1999	255
6-5	Scientists and engineers who are unemployed or out of the labor force, by reason for not working, sex, race/ethnicity, and disability status: 1999	257
6-6	Preference for full-time employment and reasons for working part time of scientists and engineers employed part time, by occupation, sex, race/ethnicity, and disability status: 1999	258
6-7	Employed scientists and engineers in the United States, by occupation, highest degree, and sex: 1999	259
6-8	Employed scientists and engineers in the United States, by occupation, highest degree, and race/ethnicity: 1999	261
6-9	Employed scientists and engineers in the United States, by occupation, highest degree, and disability status: 1999	264
6-10	Employed scientists and engineers, by broad occupation, employment sector, sex, race/ethnicity, and disability status: 1999	265

6-11	Participation of employed scientists and engineers in work-related training, by type of training, broad occupation, sex, race/ethnicity, and disability status: 1999	268
6-12	Reasons for attending work-related training in the past year, by broad occupation, sex, race/ethnicity, and disability status: 1999	270
6-13	Median annual salary of full-time employed scientists and engineers, by broad occupation, age group, sex, and highest degree level: 1999	272
6-14	Median annual salary of full-time employed scientists and engineers, by broad occupation, race/ethnicity, highest degree level, and age group: 1999	273
6-15	Median annual salary of full-time employed scientists and engineers, by broad occupation, age group, sex, and race/ethnicity: 1999	275
6-16	Median annual salary of full-time employed scientists and engineers, by broad occupation, age group, disability status, and highest degree level: 1999	277
6-17	Primary education, employment status, and median salary of recipients of S&E bachelor's degrees in 1996/97 and 1997/98, by broad field of degree, sex, race/ethnicity, and disability status: 1999	279
6-18	Primary education, employment status, and median salary of recipients of S&E master's degrees in 1996/97 and 1997/98, by broad field of degree, sex, race/ethnicity, and disability status: 1999	281
6-19	Employment status and median salary of recipients of S&E doctoral degrees in 1996/97 and 1997/98, by broad field of doctorate, sex, race/ethnicity, and disability status: 1999	283
6-20	Career-path job search limitations of recipients of S&E doctoral degrees in 1996/97 and 1997/98, by broad field of doctorate, sex, race/ethnicity, and disability status: 1999	285
6-21	Demographic characteristics of scientists and engineers, by highest degree level and sex: 1999	287
6-22	Demographic characteristics of scientists and engineers, by race/ethnicity and sex: 1999	289
6-23	Demographic characteristics of scientists and engineers, by disability status and sex: 1999	291